

Dr. Richard J. Fields

Born 1947 in Philadelphia.

Richard graduated from Hawken School (near Cleveland, Ohio) in 1966. He was awarded undergraduate degrees in Chemistry and Metallurgy in 1971 by the University of Pennsylvania in Philadelphia. He received a MSc in Engineering and Applied Physics in 1973 from Harvard University. In 1977, under the supervision of M. F. Ashby, he graduated from Cambridge University in England with a PhD in Engineering Materials.



From 1977 to 2004, Richard worked first with his NRC postdoc supervisor, Jeff Fong, in the Applied Mathematics Division, then, as a full time staff member, in the Fracture and Deformation Division, and finally in the Metallurgy Division of the National Bureau of Standards (NBS), now the National Institute of Standards and Technology (NIST). He received a Bronze Medal from the Bureau of Standards for research on fracture and crack arrest in high strength steels and a Silver Medal from the Department of Commerce for research on mechanical properties and modeling of metallic materials. For a few years before he retired, Richard was leader of the Materials Performance Group in the Metallurgy Division.

He retired from NIST in May of 2004 and moved with his wife, Anne, to the Atlanta area. He currently heads the US delegation to the Ductility Subcommittee of ISO, chairs the ASTM Subcommittee on Ductility and Formability, and is an active member of the DoT Office of Pipeline Safety's Peer Review Panel. Most importantly, Richard is GrandPop Pop to Stormy, Emmy, Elsie and Joel... (to be continued).